

Claims

1. Spraying tool, especially for foundry molds, for blowing out and/or cooling and/or treating, especially wetting and/or lubricating, with at least one medium, characterized in that at least one medium is made available at an appropriating means (5, 29) and that, at the latter, at least one control means (4, 24, 28) may be disposed and, at the latter, a spraying place (2) with at least one spraying nozzle (3, 18 -23, 30, 32, 33) is disposed, which can be controlled by the control means (4, 24, 28).

2. The tool of claim 1, characterized in that the appropriating means is a multifunction strip (5), which makes at least one control air channel (6 -13) and at least one spraying medium available, and/or that the control means is a selector plate (4) or a plate (24) with selector switches (25).

3. The tool of claim 2, characterized in that the multifunction strip (5) makes available eight control air channels (6 - 13) and/or at least one spraying air channel (17) and/or at least one channel (15) for a release agent and/or one channel (16) for water and/or at least one blast air channel (17) and that at least one spraying nozzle (3, 18 – 23), especially two to three spraying nozzles (18 – 23) and at least one selector plate (4) and/or at least one plate (24) with selector switches (25) can be controlled by the control air channels (6 – 13).

4. The tool of claim 1, characterized in that the control means, which is an electronically controllable control plate (28), is fixed at one side at an appropriating means, which is a distributor plate (29), and on the other side an interchangeable plate (31) is disposed, on which the spraying places (2) are disposed as a matrix.

5. The tool of claim 4, characterized in that the spraying nozzles (30, 32, 33) can be controlled electronically by the control plate (28) and programmed freely, especially over a screen, which is connected over a bus system with the control plate (28).

6. The tool of claim 5, characterized in that the spraying nozzles (50, 32, 33) can be programmed individually and/or in groups.

7. The tool of claim 1, characterized in that, at each spraying place (2), there is a spraying nozzle (3, 30) for at least one medium, especially for a release agent and/or water and/or air.

8. The tool of claim 7, characterized in that at least one medium and especially two a three media, which can be sprayed consecutively or simultaneously, can be sprayed with the spraying nozzle (3, 30).

9. The tool of claim 1, characterized in that, at each spraying place, there are two spraying nozzles (18 – 21, 32, 33), one of which is provided especially for the medium of a release agent and/or air and the other especially for the medium of water and/or air.

10. The tool of claim 1, characterized in that there are three spraying nozzles (21 – 23) at each spraying place, and the first is intended especially for the medium of air, the second especially for the medium of water and the third especially for the medium of a release agent.

11. The tool of one of the preceding claims 7 to 10, characterized in that the medium, especially the release agent and/or the water, can be sprayed together with a further medium, especially air.

12. The tool of claim 1, characterized in that the release agent consists of an admixture, especially of wax, oil and/or silicone, the remainder being water.